

10/723939

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### Search History

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<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L35</u>	L33	1	<u>L35</u>
	DB=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L34</u>	("20020121810")[URPN]	0	<u>L34</u>
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		

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<i>DB=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L32</u>	20020121810	1	<u>L32</u>
<u>L31</u>	("20020121810")[PN]	1	<u>L31</u>
<u>L30</u>	("20020121810")[PN]	1	<u>L30</u>
<u>L29</u>	("20020121810"  "20020121810")[URPN]	0	<u>L29</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L28</u>	L26 and (fir\$ near2 circuit)	1	<u>L28</u>
<u>L27</u>	L26 and l17	0	<u>L27</u>
<u>L26</u>	L23 or l16 or l14 or l12 or l13 or l19 or l20 or l7	10	<u>L26</u>
<u>L25</u>	L8 and @ad<=20021126	0	<u>L25</u>
<u>L24</u>	L8 and @pd<=20021126	0	<u>L24</u>
<i>DB=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L23</u>	L9 and capacit\$	1	<u>L23</u>
<i>DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L22</u>	L20 and fet\$	1	<u>L22</u>
<u>L21</u>	L20 and fet\$	1	<u>L21</u>
<u>L20</u>	5261694.pn.	1	<u>L20</u>
<u>L19</u>	US-5666065-A.did.	1	<u>L19</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L18</u>	L17 and FET\$	7	<u>L18</u>
<u>L17</u>	restraint\$ and (vehicle or automobile or car or flight or airplane) and (fir\$ near2 circuit)	46	<u>L17</u>
<i>DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L16</u>	5430314.pn.	1	<u>L16</u>
<i>DB=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L15</u>	L9 and restraint\$	1	<u>L15</u>
<u>L14</u>	20020121810	1	<u>L14</u>
<i>DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L13</u>	20020121810	0	<u>L13</u>
<u>L12</u>	6878996.pn.	1	<u>L12</u>

*DB=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR*

L11 L9 and 11 1 L11

L10 L9 and supply\$ 1 L10

L9 20040108698 1 L9

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD;  
THES=ASSIGNEE; PLUR=YES; OP=OR*

L8 L7 and (vehicle or automobile or car or flight or  
airplane) 0 L8

L7 L6 and @ad<=20021126 4 L7

L6 L4 or L5 10 L6

L5 "reverse diode" and "N-channel FET" 6 L5

L4 "reverse diode" and "N-type FET" 4 L4

*DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR*

L3 6142130.pn. 1 L3

L2 4838457.pn. 1 L2

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File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020121810  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020121810 A1

TITLE: Control device for a vehicle occupant protection device

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Belau, Horst	Langquaid		DE
Swart, Marten	Obertraubling		DE

APPL-NO: 10/113161 [PALM]  
DATE FILED: April 1, 2002

RELATED-US-APPL-DATA:

Application 10/113161 is a continuation-of US application PCT/DE00/03350, filed September 26, 2000, UNKNOWN

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	DOC-ID	APPL-DATE
DE	199 47 096.0	1999DE-199 47 096.0	September 30, 1999
DE	100 02 375.4	2000DE-100 02 375.4	January 20, 2000

INT-CL-PUBLISHED: [07] B60L 1/00

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPS	<u>B60 R 21/01</u>	20060101
CIPN	<u>H03 K 17/08</u>	20060101

US-CL-PUBLISHED: 307/10.1  
US-CL-CURRENT: 307/10.1

REPRESENTATIVE-FIGURES: 1

ABSTRACT:

A vehicle occupant protection device having a firing cap for activating the vehicle occupant protection device is controlled with a control device. An energy source provides a supply voltage for the firing cap. A switching transistor connects the

firing cap to the energy source. A controlled path of the switching transistor, the energy source, and the firing cap are connected in series with respect to one another. An actuation or control circuit is connected upstream of a control terminal of the switching transistor and controls the switching transistor in such a way that a resistance of the controlled path in the switched-on state of the transistor is kept constant, a signal which is present at the control terminal at that time is evaluated, an energy which is converted in the switching transistor is determined from the signal at the control terminal and, when a predefined energy limiting value is reached, the switching transistor is switched off.

CROSS-REFERENCE TO RELATED APPLICATION:

[0001] This application is a continuation of copending International Application No. PCT/DE00/03350, filed Sep. 26, 2000, which designated the United States.

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